

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU110521\
 Data File : VU045587.D
 Acq On : 06 Nov 2021 02:54
 Operator : SY/MD
 Sample : M4508-11
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 42 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BP-VPB-RW9-EB-20211103

Quant Time: Nov 06 21:52:07 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\82U110521W.M
 Quant Title : SW846 8260
 QLast Update : Fri Nov 05 13:35:16 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

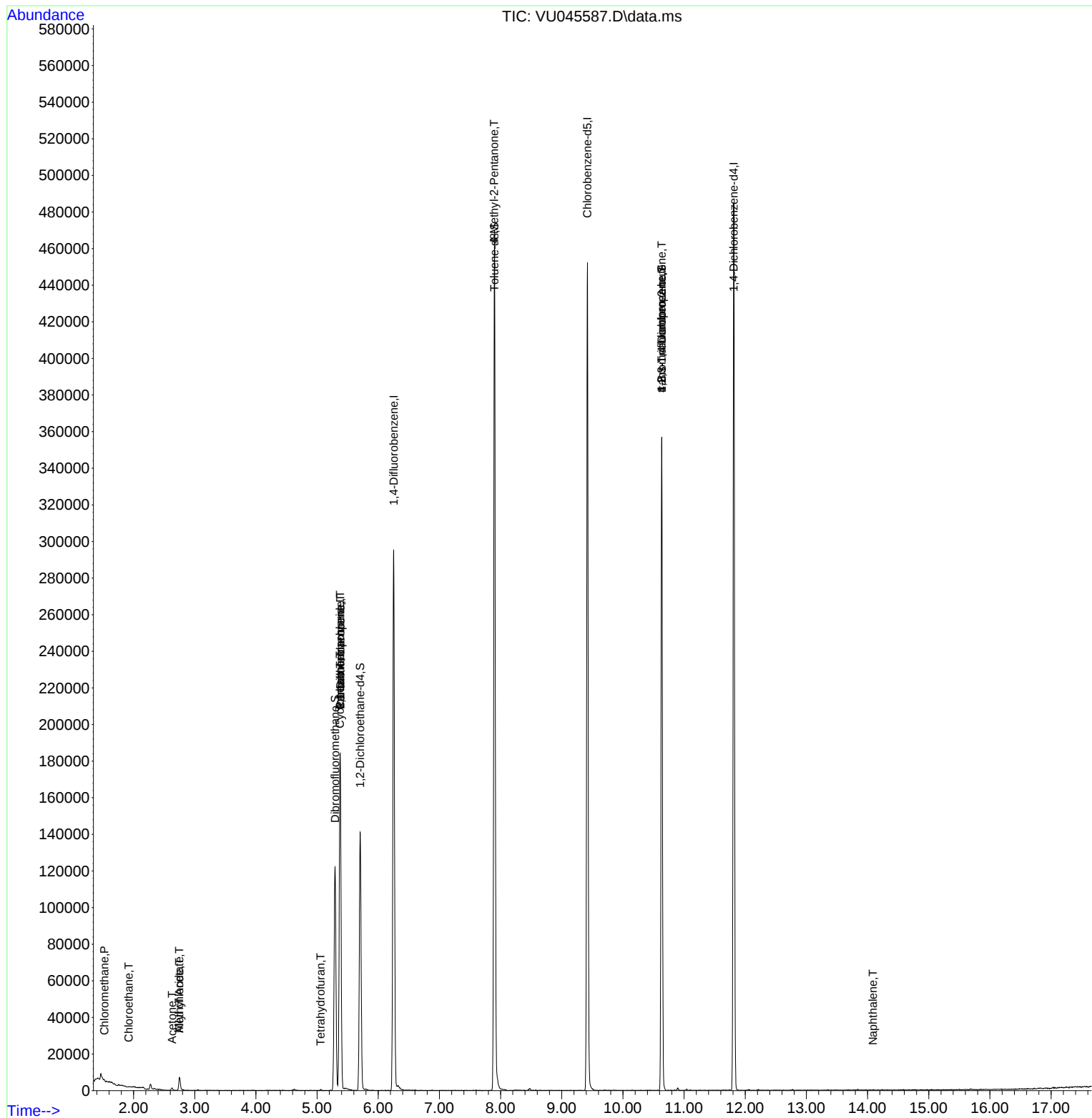
Internal Standards						
1) Pentafluorobenzene	5.378	168	121805	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.253	114	231791	50.000	ug/l	0.00
63) Chlorobenzene-d5	9.420	117	238648	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.812	152	119564	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.703	65	104344	57.201	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 114.400%	
35) Dibromofluoromethane	5.295	113	80104	51.762	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 103.520%	
50) Toluene-d8	7.899	98	308042	53.530	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 107.060%	
62) 4-Bromofluorobenzene	10.635	95	117947	51.114	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 102.220%	
Target Compounds						
					Qvalue	
3) Chloromethane	1.523	50	559	0.309	ug/l	95
6) Chloroethane	1.919	64	274	0.239	ug/l #	41
14) Allyl chloride	2.748	41	589	0.246	ug/l #	54
16) Acetone	2.629	43	1548	1.667	ug/l	94
18) Methyl Acetate	2.748	43	1986	0.628	ug/l #	50
29) Tetrahydrofuran	5.057	42	251	0.319	ug/l #	36
31) Cyclohexane	5.372	56	3080	1.157	ug/l #	11
36) 1,1-Dichloropropene	5.378	75	10797	4.777	ug/l #	50
38) Carbon Tetrachloride	5.375	117	12920	5.670	ug/l #	16
51) 4-Methyl-2-Pentanone	7.896	43	1088	0.415	ug/l #	1
76) 1,2,3-Trichloropropane	10.635	75	61988	17.096	ug/l #	42
81) trans-1,4-Dichloro-2-b...	10.635	75	61988	55.646	ug/l #	12
95) Naphthalene	14.089	128	330	1.062	ug/l #	69

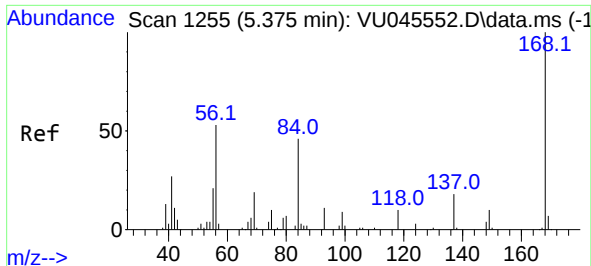
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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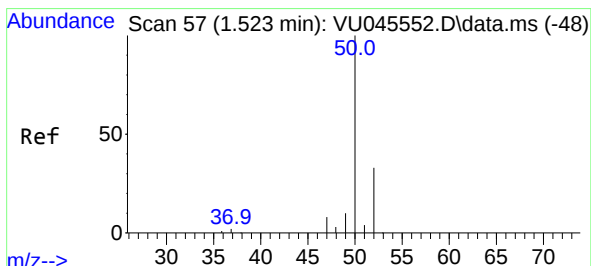
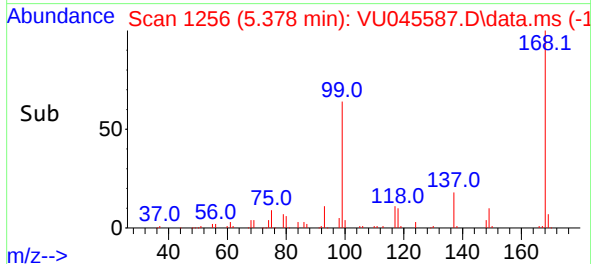
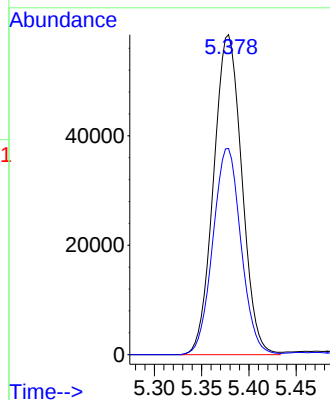
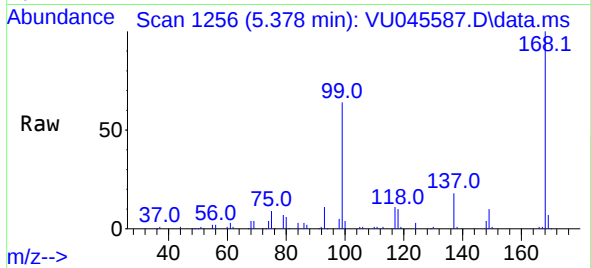




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.378 min Scan# 11
Delta R.T. 0.003 min
Lab File: VU045587.D
Acq: 06 Nov 2021 02:54

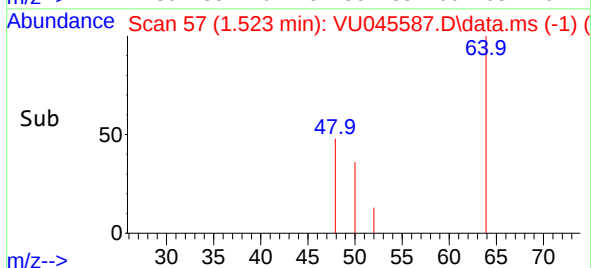
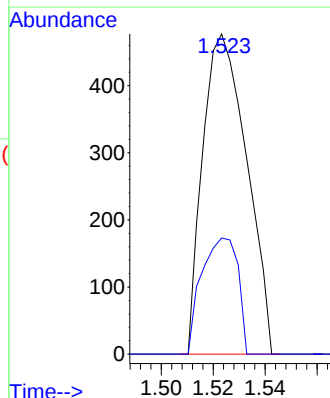
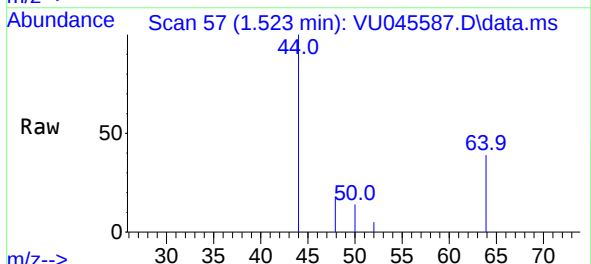
Instrument :
MSVOA_U
ClientSampleId :
BP-VPB-RW9-EB-20211103

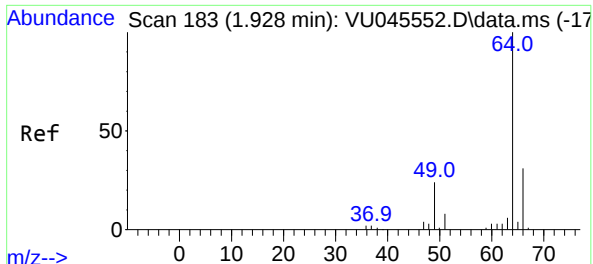
Tgt Ion:168 Resp: 121805
Ion Ratio Lower Upper
168 100
99 64.4 51.0 76.6



#3
Chloromethane
Concen: 0.309 ug/l
RT: 1.523 min Scan# 57
Delta R.T. -0.000 min
Lab File: VU045587.D
Acq: 06 Nov 2021 02:54

Tgt Ion: 50 Resp: 559
Ion Ratio Lower Upper
50 100
52 36.3 26.6 40.0

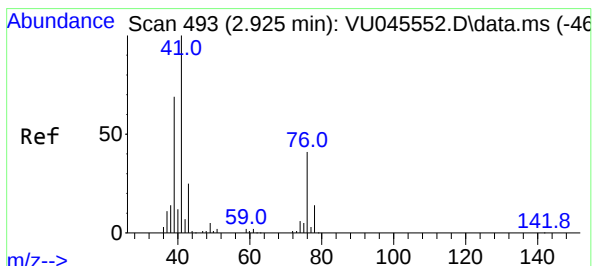
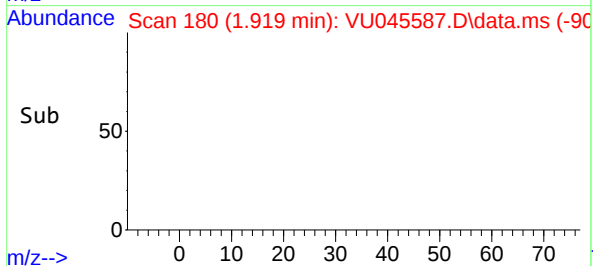
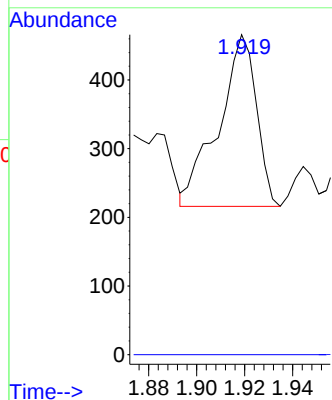
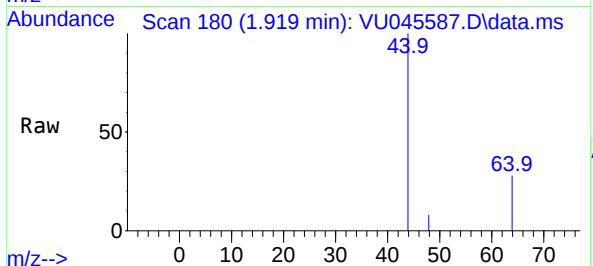




#6
Chloroethane
Concen: 0.239 ug/l
RT: 1.919 min Scan# 11
Delta R.T. -0.010 min
Lab File: VU045587.D
Acq: 06 Nov 2021 02:54

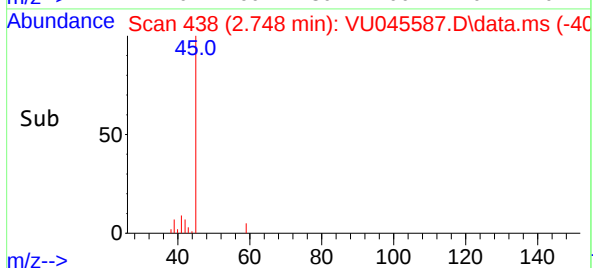
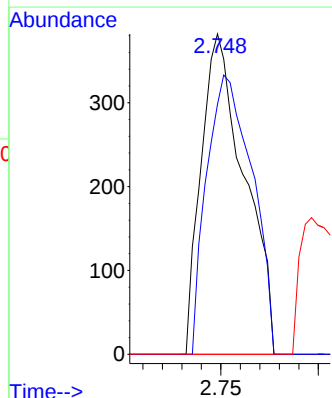
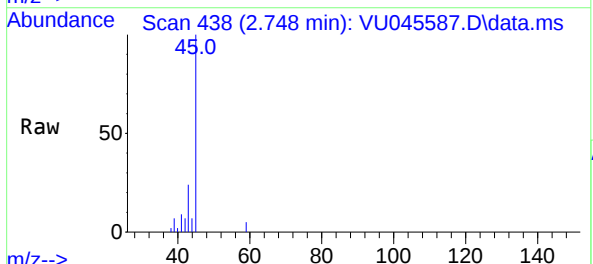
Instrument :
MSVOA_U
ClientSampleId :
BP-VPB-RW9-EB-20211103

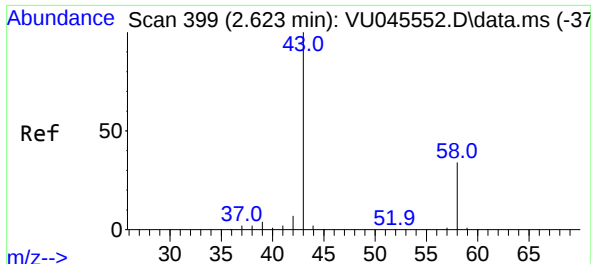
Tgt Ion: 64 Resp: 274
Ion Ratio Lower Upper
64 100
66 0.0 26.7 40.1#



#14
Allyl chloride
Concen: 0.246 ug/l
RT: 2.748 min Scan# 438
Delta R.T. -0.177 min
Lab File: VU045587.D
Acq: 06 Nov 2021 02:54

Tgt Ion: 41 Resp: 589
Ion Ratio Lower Upper
41 100
39 91.5 49.7 74.5#
76 0.0 27.7 41.5#

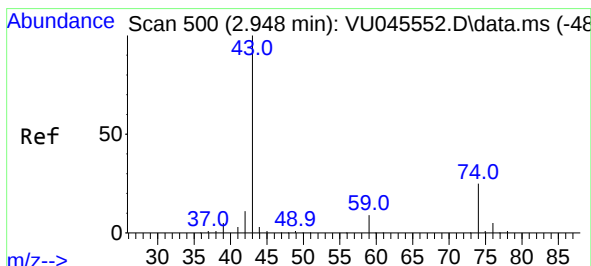
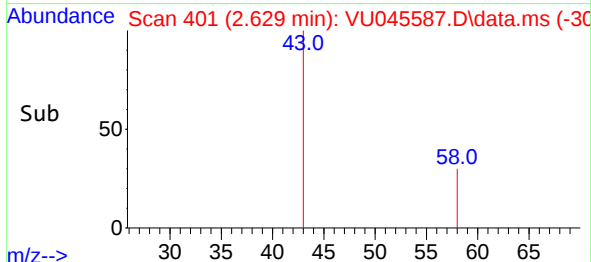
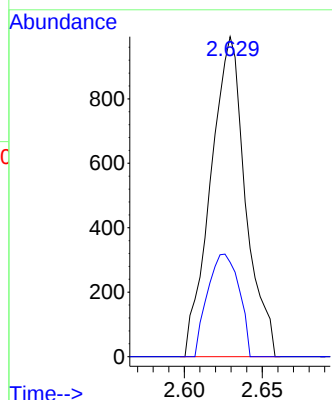
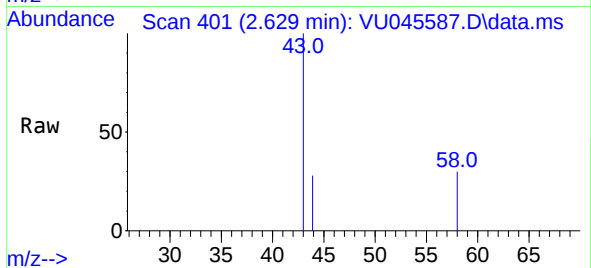




#16
Acetone
Concen: 1.667 ug/l
RT: 2.629 min Scan# 401
Delta R.T. 0.006 min
Lab File: VU045587.D
Acq: 06 Nov 2021 02:54

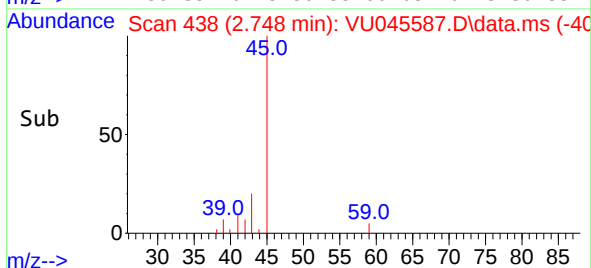
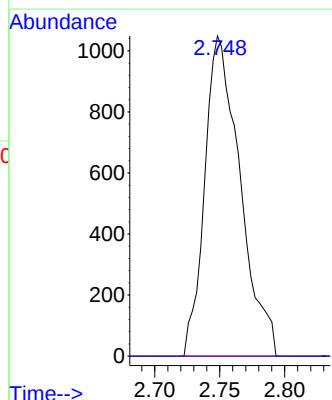
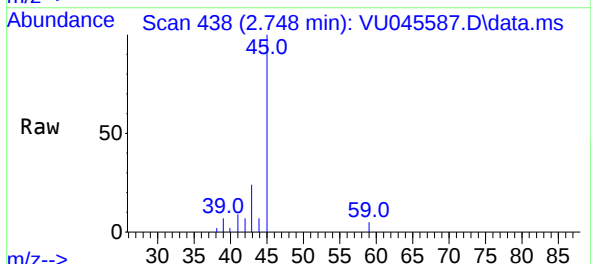
Instrument :
MSVOA_U
ClientSampleId :
BP-VPB-RW9-EB-20211103

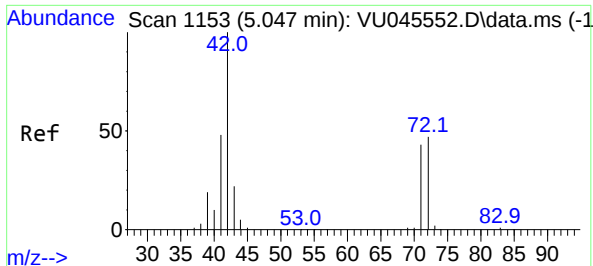
Tgt Ion: 43 Resp: 1548
Ion Ratio Lower Upper
43 100
58 29.5 26.2 39.2



#18
Methyl Acetate
Concen: 0.628 ug/l
RT: 2.748 min Scan# 438
Delta R.T. -0.199 min
Lab File: VU045587.D
Acq: 06 Nov 2021 02:54

Tgt Ion: 43 Resp: 1986
Ion Ratio Lower Upper
43 100
74 0.0 20.2 30.2#





#29

Tetrahydrofuran

Concen: 0.319 ug/l

RT: 5.057 min Scan# 1153

Delta R.T. 0.010 min

Lab File: VU045587.D

Acq: 06 Nov 2021 02:54

Instrument :

MSVOA_U

ClientSampleId :

BP-VPB-RW9-EB-20211103

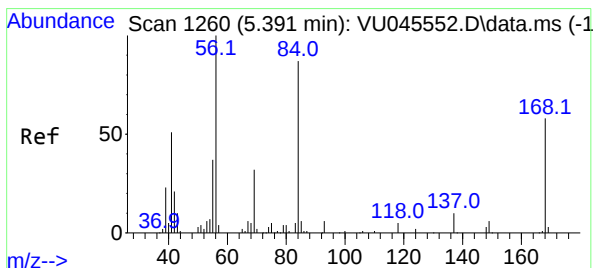
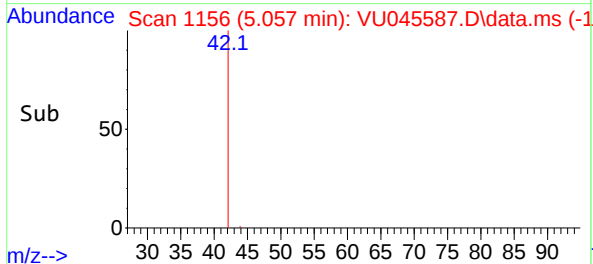
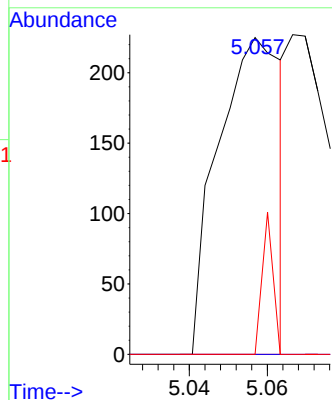
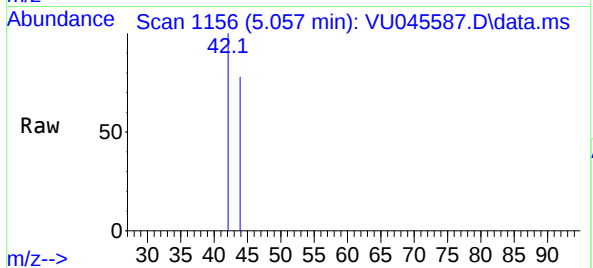
Tgt Ion: 42 Resp: 251

Ion Ratio Lower Upper

42 100

72 0.0 38.2 57.4#

71 7.6 35.4 53.2#



#31

Cyclohexane

Concen: 1.157 ug/l

RT: 5.372 min Scan# 1254

Delta R.T. -0.019 min

Lab File: VU045587.D

Acq: 06 Nov 2021 02:54

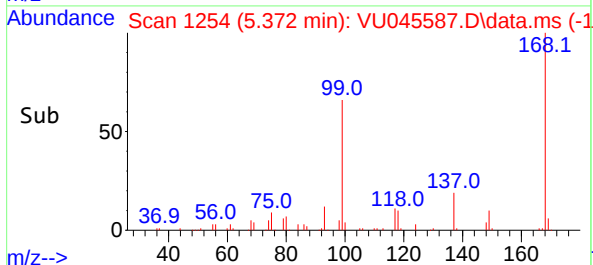
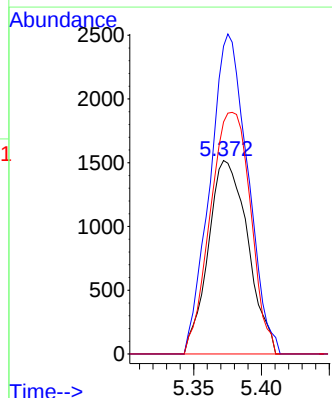
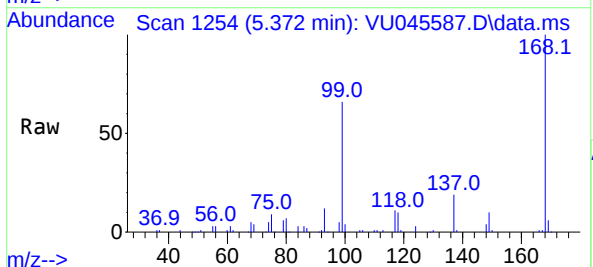
Tgt Ion: 56 Resp: 3080

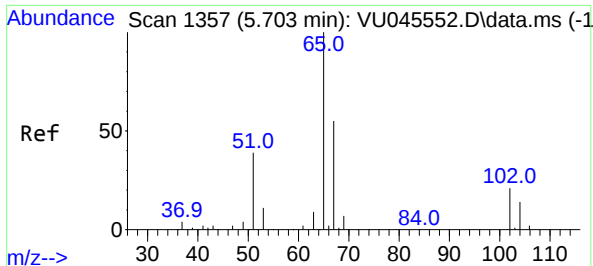
Ion Ratio Lower Upper

56 100

69 159.2 26.4 39.6#

84 120.0 68.4 102.6#

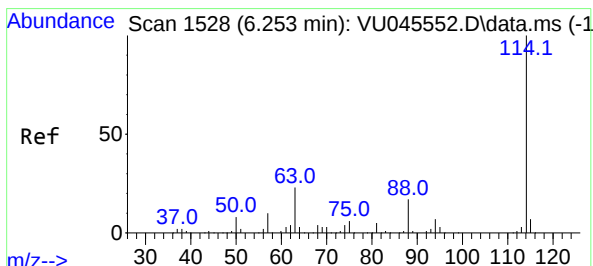
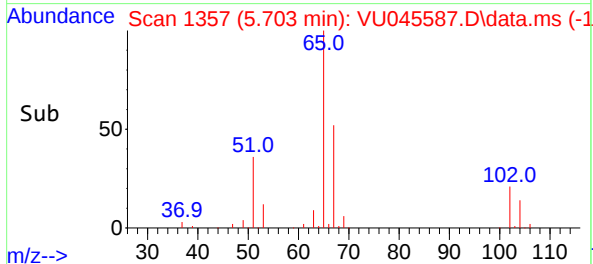
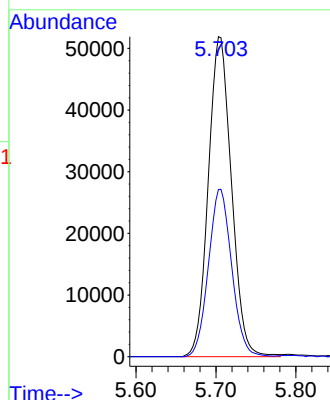
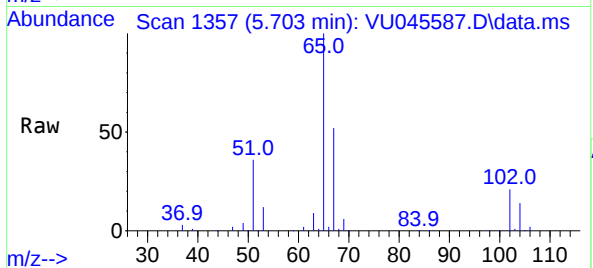




#33
1,2-Dichloroethane-d4
Concen: 57.201 ug/l
RT: 5.703 min Scan# 11
Delta R.T. -0.000 min
Lab File: VU045587.D
Acq: 06 Nov 2021 02:54

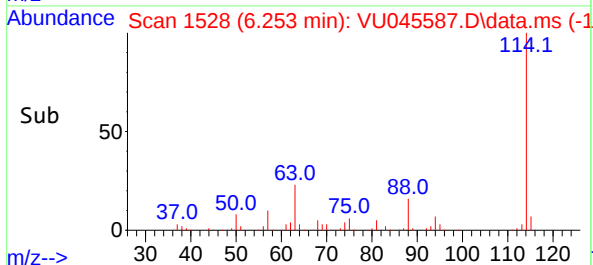
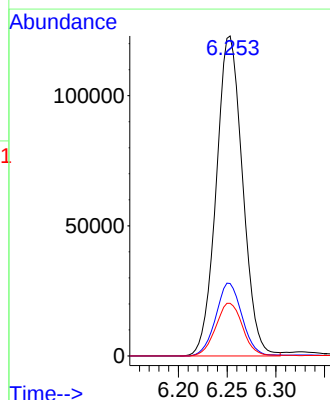
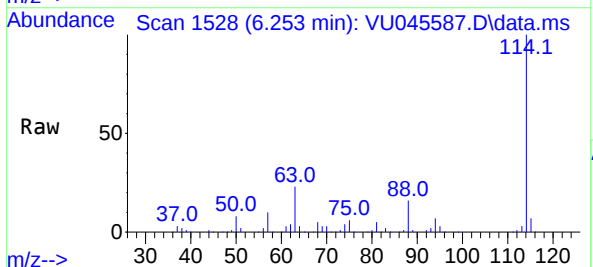
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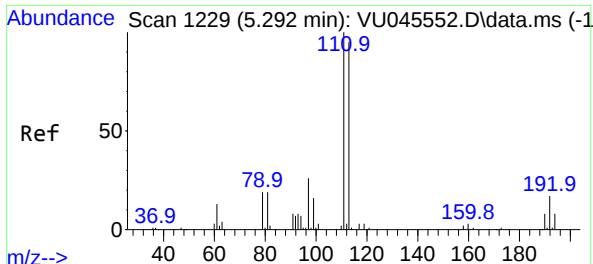
Tgt Ion: 65 Resp: 104344
Ion Ratio Lower Upper
65 100
67 52.5 0.0 105.8



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.253 min Scan# 1528
Delta R.T. -0.000 min
Lab File: VU045587.D
Acq: 06 Nov 2021 02:54

Tgt Ion: 114 Resp: 231791
Ion Ratio Lower Upper
114 100
63 22.7 0.0 45.6
88 16.5 0.0 33.8





#35

Dibromofluoromethane

Concen: 51.762 ug/l

RT: 5.295 min Scan# 11

Delta R.T. 0.003 min

Lab File: VU045587.D

Acq: 06 Nov 2021 02:54

Instrument :

MSVOA_U

ClientSampleId :

BP-VPB-RW9-EB-20211103

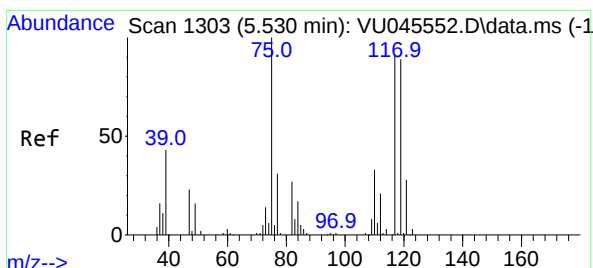
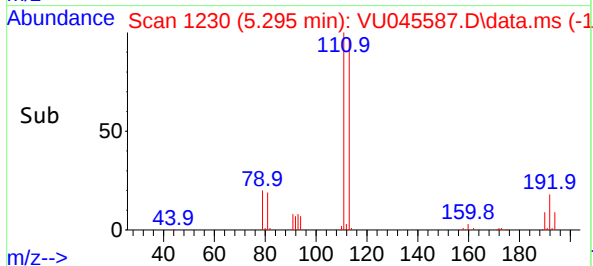
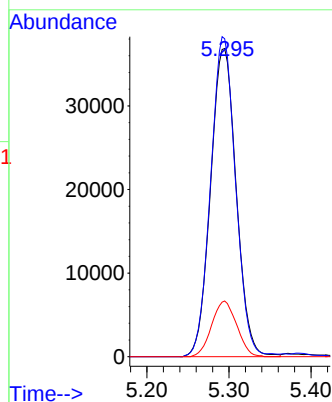
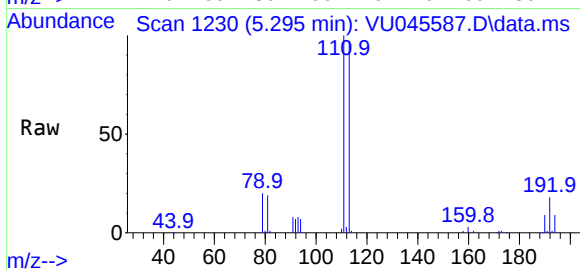
Tgt Ion:113 Resp: 80104

Ion Ratio Lower Upper

113 100

111 100.7 82.8 124.2

192 17.6 14.8 22.2



#36

1,1-Dichloropropene

Concen: 4.777 ug/l

RT: 5.378 min Scan# 1256

Delta R.T. -0.151 min

Lab File: VU045587.D

Acq: 06 Nov 2021 02:54

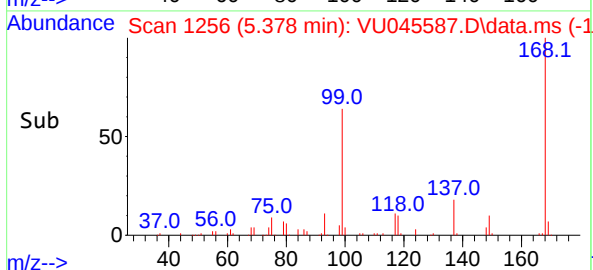
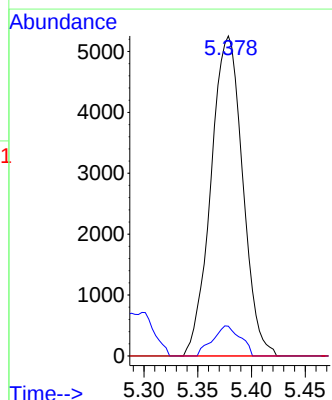
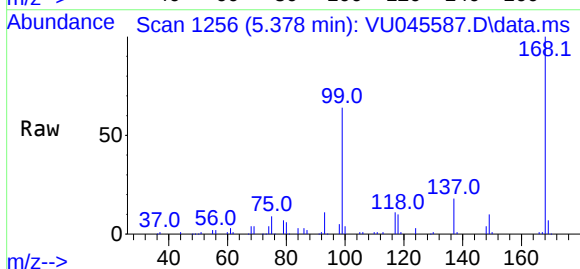
Tgt Ion: 75 Resp: 10797

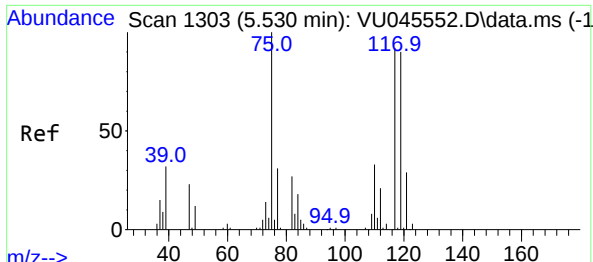
Ion Ratio Lower Upper

75 100

110 8.2 16.7 50.0#

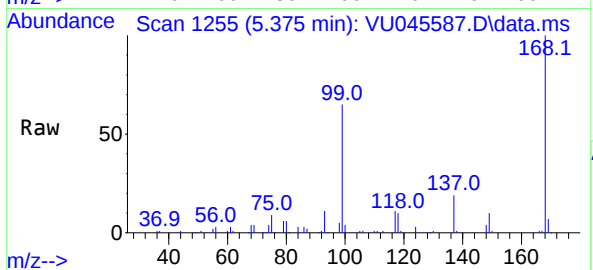
77 0.0 25.0 37.4#



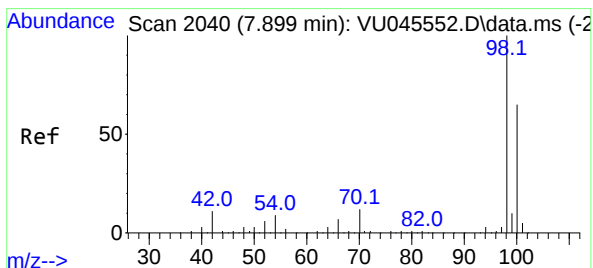
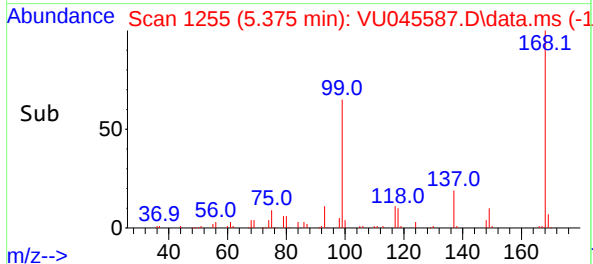
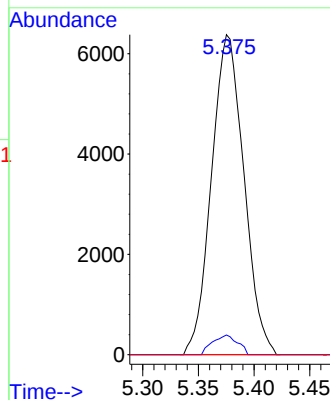


#38
Carbon Tetrachloride
Concen: 5.670 ug/l
RT: 5.375 min Scan# 11
Delta R.T. -0.154 min
Lab File: VU045587.D
Acq: 06 Nov 2021 02:54

Instrument :
MSVOA_U
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BP-VPB-RW9-EB-20211103

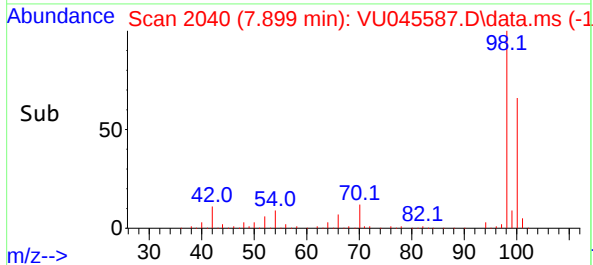
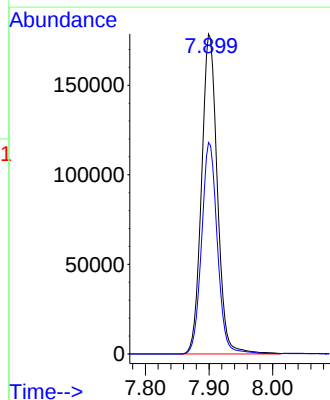
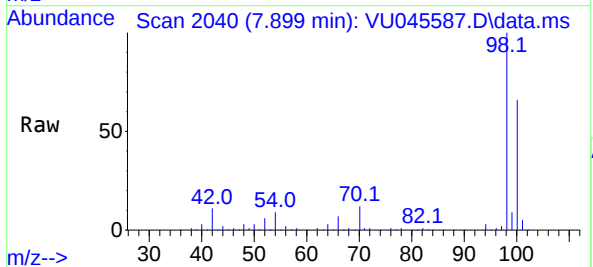


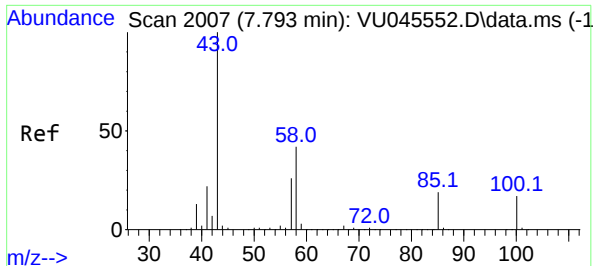
Tgt Ion:117 Resp: 12920
Ion Ratio Lower Upper
117 100
119 6.2 77.4 116.0#
121 0.0 24.8 37.2#



#50
Toluene-d8
Concen: 53.530 ug/l
RT: 7.899 min Scan# 2040
Delta R.T. -0.000 min
Lab File: VU045587.D
Acq: 06 Nov 2021 02:54

Tgt Ion: 98 Resp: 308042
Ion Ratio Lower Upper
98 100
100 66.0 52.5 78.7

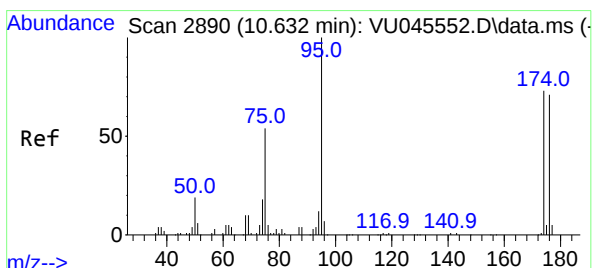
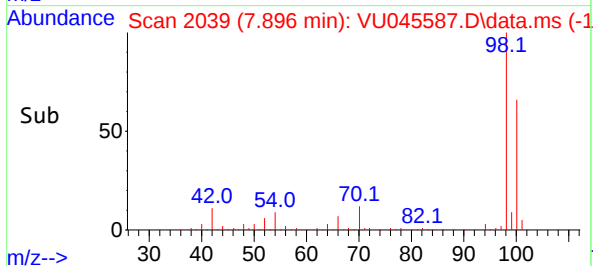
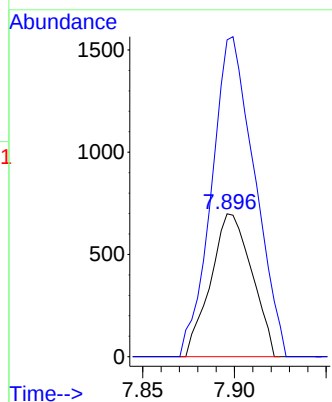
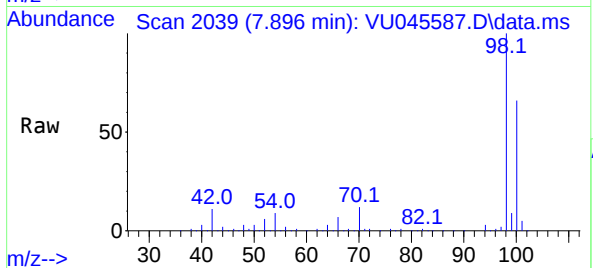




#51
4-Methyl-2-Pentanone
Concen: 0.415 ug/l
RT: 7.896 min Scan# 2007
Delta R.T. 0.103 min
Lab File: VU045587.D
Acq: 06 Nov 2021 02:54

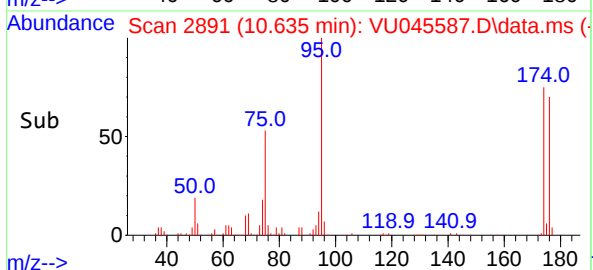
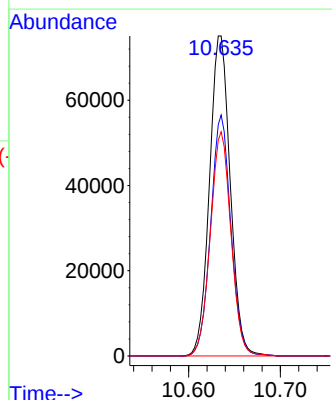
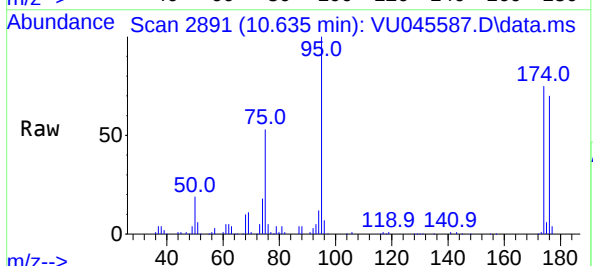
Instrument :
MSVOA_U
ClientSampleId :
BP-VPB-RW9-EB-20211103

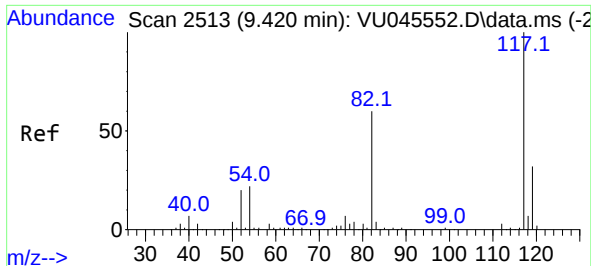
Tgt Ion: 43 Resp: 1088
Ion Ratio Lower Upper
43 100
58 233.9 33.8 50.8#



#62
4-Bromofluorobenzene
Concen: 51.114 ug/l
RT: 10.635 min Scan# 2891
Delta R.T. 0.003 min
Lab File: VU045587.D
Acq: 06 Nov 2021 02:54

Tgt Ion: 95 Resp: 117947
Ion Ratio Lower Upper
95 100
174 73.4 0.0 141.8
176 69.6 0.0 138.2





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 9.420 min Scan# 21

Delta R.T. 0.000 min

Lab File: VU045587.D

Acq: 06 Nov 2021 02:54

Instrument :

MSVOA_U

ClientSampleId :

BP-VPB-RW9-EB-20211103

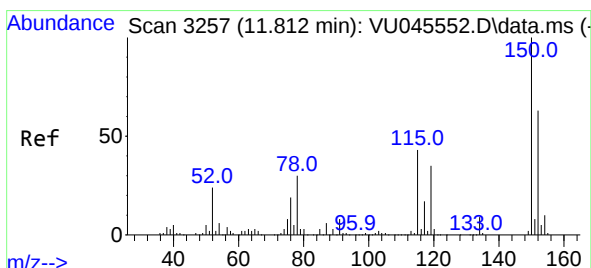
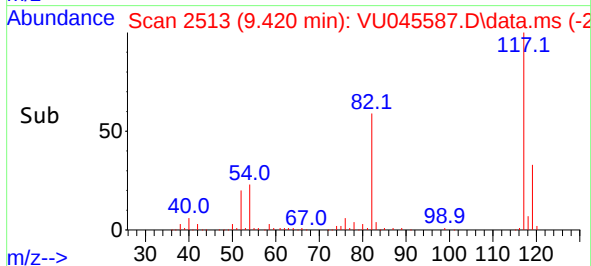
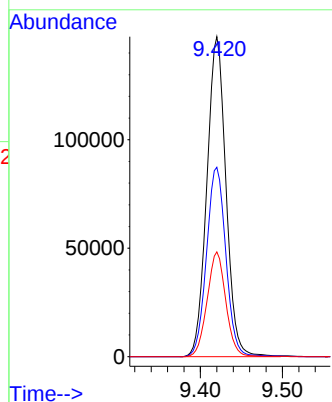
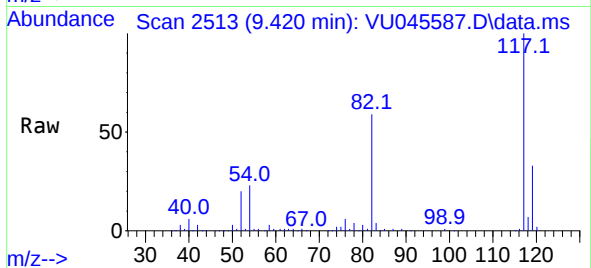
Tgt Ion:117 Resp: 238648

Ion Ratio Lower Upper

117 100

82 59.2 47.8 71.8

119 32.7 25.8 38.8



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 11.812 min Scan# 3257

Delta R.T. -0.000 min

Lab File: VU045587.D

Acq: 06 Nov 2021 02:54

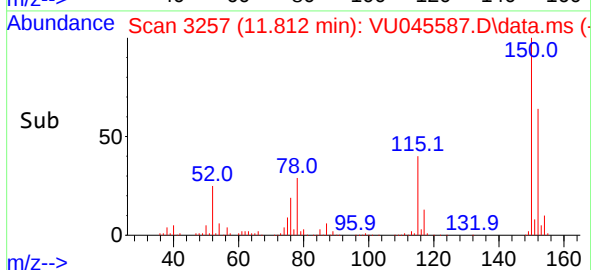
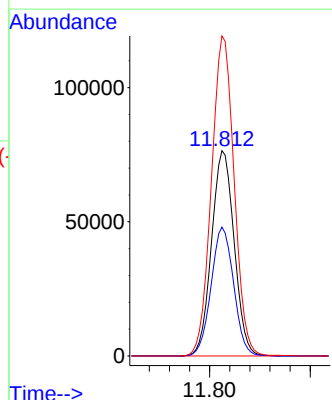
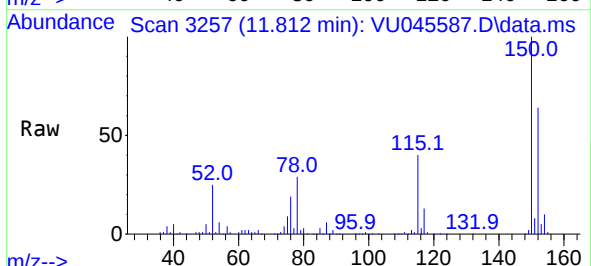
Tgt Ion:152 Resp: 119564

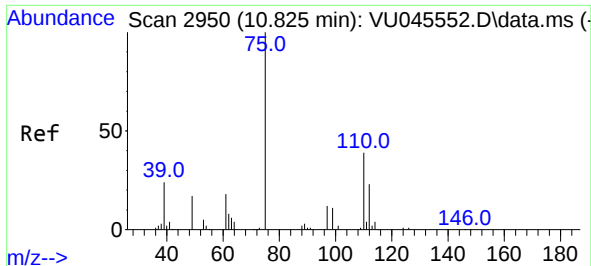
Ion Ratio Lower Upper

152 100

115 62.4 42.7 128.1

150 156.1 0.0 346.8

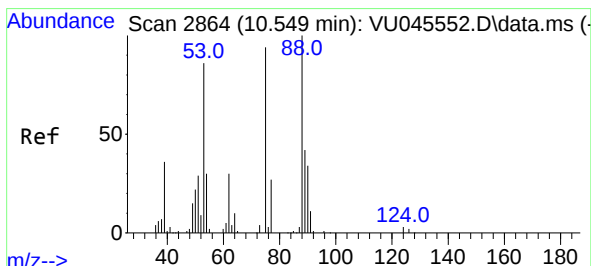
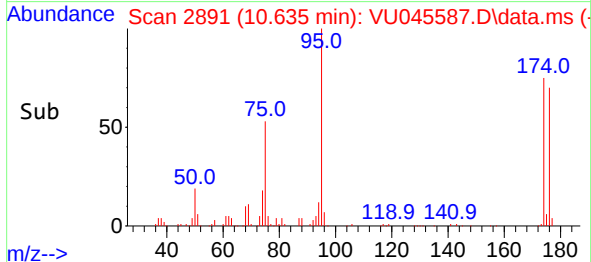
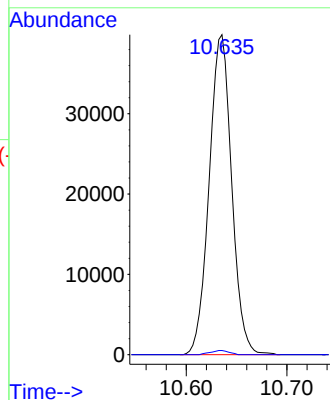
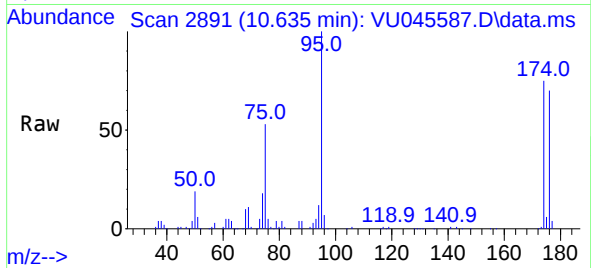




#76
1,2,3-Trichloropropane
Concen: 17.096 ug/l
RT: 10.635 min Scan# 2891
Delta R.T. -0.190 min
Lab File: VU045587.D
Acq: 06 Nov 2021 02:54

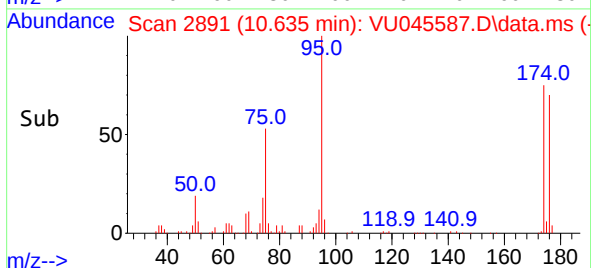
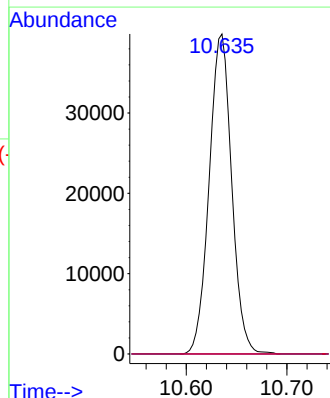
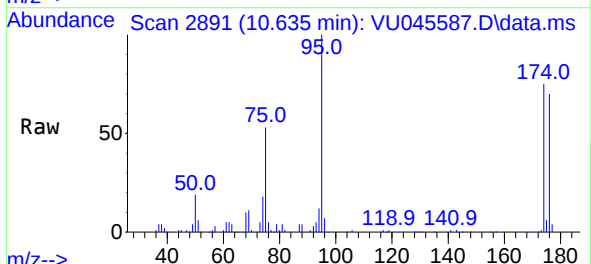
Instrument : MSVOA_U
ClientSampleId : BP-VPB-RW9-EB-20211103

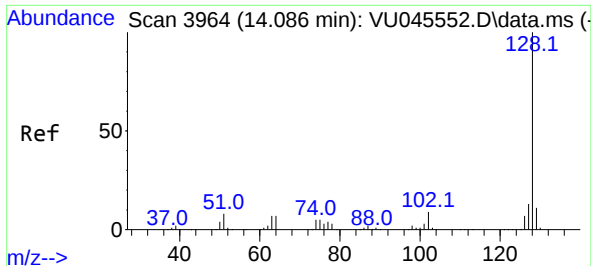
Tgt Ion: 75 Resp: 61988
Ion Ratio Lower Upper
75 100
77 1.1 17.1 51.3#



#81
trans-1,4-Dichloro-2-butene
Concen: 55.646 ug/l
RT: 10.635 min Scan# 2891
Delta R.T. 0.086 min
Lab File: VU045587.D
Acq: 06 Nov 2021 02:54

Tgt Ion: 75 Resp: 61988
Ion Ratio Lower Upper
75 100
53 0.0 76.2 114.4#
89 0.0 34.0 51.0#





#95

Naphthalene

Concen: 1.062 ug/l

RT: 14.089 min Scan# 3965

Delta R.T. 0.003 min

Lab File: VU045587.D

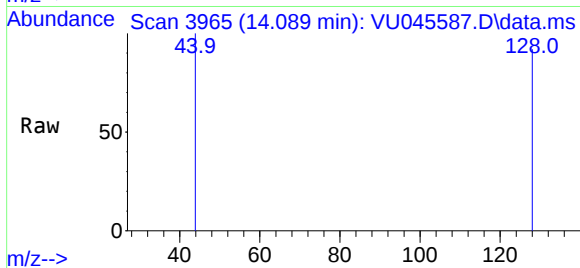
Acq: 06 Nov 2021 02:54

Instrument :

MSVOA_U

ClientSampleId :

BP-VPB-RW9-EB-20211103



Tgt Ion:	128	Resp:	330
Ion	Ratio	Lower	Upper
128	100		
127	0.0	10.6	15.8#
129	0.0	8.6	13.0#

